

**BEST AVAILABLE COPY****WHAT IS CLAIMED :**

CLAIM 1. An articulated powered vacuum boom having a linear actuator as it means of articulation and said linear actuator is powered by a battery.

10 CLAIM 2. The means described in claim 1, having two or more linear actuated articulated boom arms.

Claim 3. The means described in claim 1, having the battery mounted on the boom.

Claim 4. The means described in claim 1, having a solar battery charger  
15 and battery mounted on the boom.

Claim 5. The means to combine debris collection with said boom and the full tank vacuum shut off valve.